



SPACECRAFT ASSEMBLY ENCAPSULATION FACILITY II (SAEF II) FACT SHEET

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
KENNEDY SPACE CENTER
BREVARD COUNTY, FLORIDA**

Location

The Spacecraft Assembly Encapsulation Facility II (SAEF II) is located within the Kennedy Space Center (KSC) industrial area. It is on the corner of Seventh Street Southeast and "F" Avenue Southeast, in the Hypergol Maintenance Facility (HMF) area.

History

The SAEF II (M7-1210) was constructed in 1966. The facility was initially known as the Hypergolic Test Facility No. 2 and then Spacecraft System Support No. 2. The facility was designed and constructed with the capability for testing and servicing a completely fueled spacecraft to support the Apollo program manned space flight activities at KSC. SAEF II is currently used for assembly, testing, encapsulation, ordnance work, liquid propellant (hypergol) loading, and pressurization of spacecraft. The floor space can also be used as a payload processing facility to accommodate overflow from other facilities. The facility was identified as Potential Release Location #61 (PRL #61). A Solid Waste Management Unit (SWMU) Assessment (SA)

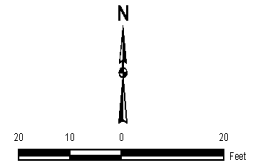
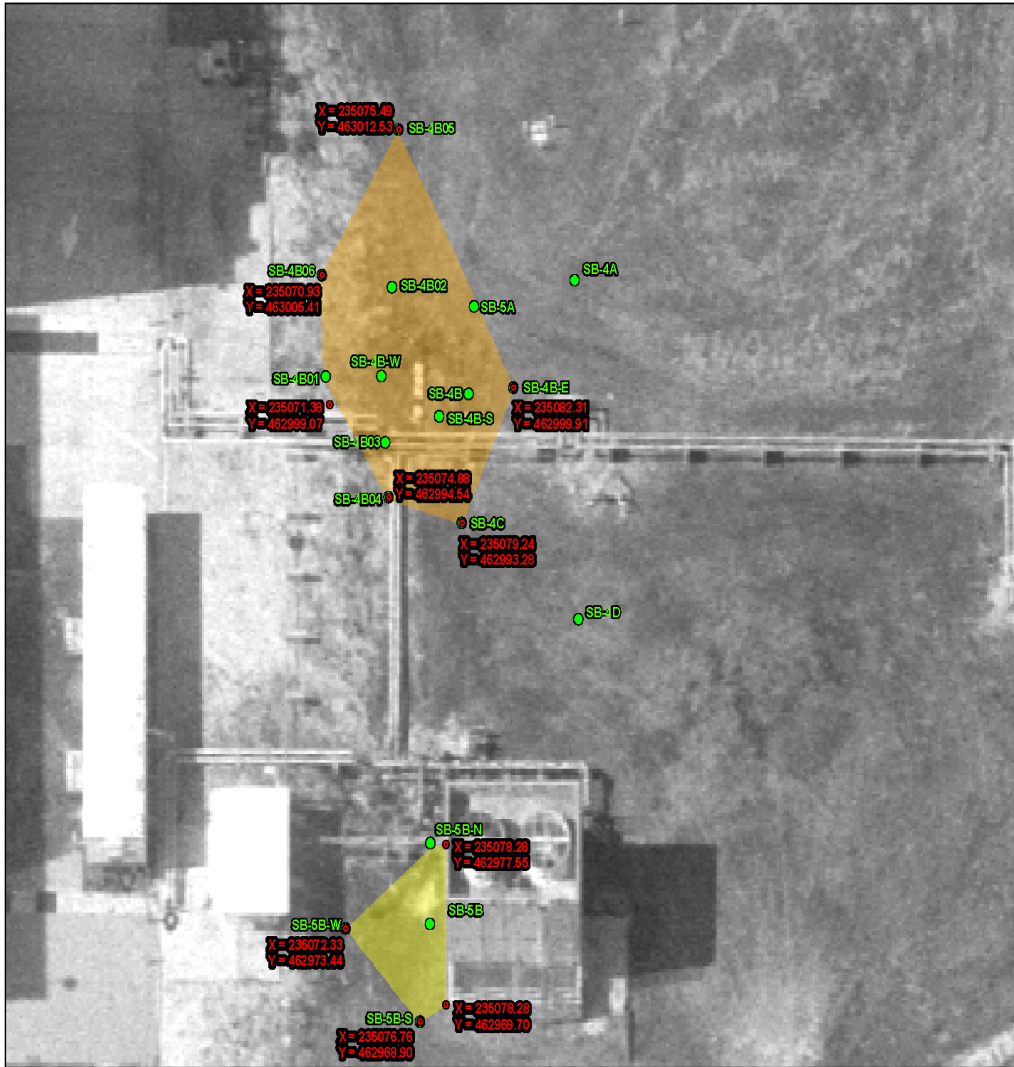
was conducted at the site in 2004. Based on the findings in the SA, Confirmation Sampling was conducted which identified copper concentrations exceeding FDEP residential soil cleanup target level (SCTL) criteria. However, the copper was below the industrial SCTLs.

Conclusion

An Interim Measure (IM) excavation will be conducted to remove copper impacted soils at the SAEF II. Approximately 64 yd³ (89 tons) of soil to depths ranging from 0-2.5 feet below land surface will be removed and disposed of accordingly. The excavation will then be backfilled with clean soil from an off-site borrow source. The borrow source will be certified "clean," which requires that the soil have no contaminants greater than Soil Cleanup Target Levels. Lastly, the excavation area will then be restored by revegetating disturbed areas. Upon completion of this IM, SAEF II will receive regulatory approval for No Further Action as there are no soil exceedances of residential standards.

This Fact Sheet was written and produced by the NASA/KSC Environmental Program Office. All comments or questions can be made by calling (321) 867-6971 or by writing to the following address:

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Legend

- Corners of Excavation
- Soil Boring Location
- Excavation Area 1 (0-2 ft BLS) 323 ft² (25 yd³)
- Excavation Area 2 (0-1 ft BLS) 1400 ft² (55 yd³)

Notes:
 1. Results are mg/kg.
 2. SCTL Residential (SCTL-R) 100 mg/kg.
 3. SCTL Industrial 76,000 mg/kg.
 4. SCTL-R exceedences are shown with yellow shading.